

Title (en)
RADIATION DETECTOR

Title (de)
STRAHLUNGSDETEKTOR

Title (fr)
DÉTECTEUR DE RAYONNEMENTS

Publication
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Abstract (en)
[origin: EP3312637A1] The present embodiment relates to a radiation detector having a structure enabling suppression of polarization in a thallium bromide crystalline body and suppression of corrosion of an electrode in the air. The radiation detector comprises a first electrode, a second electrode, and a thallium bromide crystalline body provided between the first and second electrodes. At least one of the first electrode and the second electrode includes an alloy layer 12. The alloy layer is comprised of an alloy of metallic thallium and another metal different from the metallic thallium.

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